

Claims

I claim:

1. A method for structuring scene sequences for interactive entertainment, the method comprising the steps of:

(a) providing a plurality of potentially viewable scenes to deliver an overall storyline to a viewer;

(b) delivering some of the scenes to the viewer as branching points at which alternative decisions are presented that will determine the next scene sequence to be presented to the viewer;

(c) for each alternative decision at a branching point, having available to present to the viewer a scene sequence corresponding to the decision;

(d) enabling the viewer to make one of the alternative decisions;

(e) in response to the viewer's decision, presenting the scene sequence that corresponds to the decision;

(f) structuring the branching points and their related scene sequences such that essentially every set of scene sequences determined by viewer decisions eventually reaches at least one linking scene containing content that is not dependant upon the particular decisions made prior to the linking scene;

(g) for selected decisions made prior to a linking scene, producing one or more sets of variation scenes that introduce content that appears to be related to the

consequence of the particular decision made, each set of variation scenes being associated with a scene that is viewable after the linking scene; and

(h) when the viewer is brought to a scene sequence that contains a set of variation scenes, interspersing into the scene sequence the variation scene from the set that is related to the particular decision made.

2. The method of claim 1, further comprising the step of producing the variation scenes in a set with essentially the same characters and props, such that the variation scenes in a set differ from each other by the dialog and expression of at least one character.

3. The method of claim 1 in which the entertainment may be viewed simultaneously by more than one interactive viewer, further comprising the steps of

(a) delivering some of the scenes to each interactive viewer as branching points at which alternative decisions are presented that will determine the next scene sequence to be presented; and

(b) enabling different interactive viewers to make at least one of the alternative decisions.

4. A method for structuring scene sequences for interactive entertainment, the method comprising the steps of

(a) providing a plurality of potentially viewable scenes to deliver an overall storyline to a viewer in a plurality of acts, each act containing potentially viewable

scenes;

- (b) in at least one of the acts, presenting to the viewer alternative decisions that will determine an order in which at a subsequent act will be presented;
- (c) enabling the viewer to make one of the alternative decisions;
- (d) in each act that can be presented in a different order, providing neutral scenes in which the content is not dependant upon the order in which the act is viewed, and providing sets of alternative scenes in which the content is dependant upon the order in which the act is viewed;
- (e) prompting the viewer to make one of the alternative decisions that will determine the order of a subsequent act;
- (f) presenting to the viewer, in the act determined by his decision, neutral scenes of the act interspersed with alternative scenes that are appropriate to the relative order in which the act is presented.

5. The method of claim 4, in which the neutral scenes include scenes of relatively high production cost in relation to the alternative scenes.

6. The method of claim 4 in which the entertainment may be viewed simultaneously by more than one interactive viewer, further comprising the steps of ;

- (a) presenting to each interactive viewer alternative decisions that will determine an order in which a different subsequent act will be presented; and

(b) enabling each interactive viewer to make at least one of the alternative decisions.

7. A method for structuring scene sequences for interactive entertainment, the method comprising the steps of:

(a) providing a plurality of potentially viewable scenes to deliver an overall storyline to a viewer in a plurality of acts, each act containing potentially viewable scenes;

(b) in at least one of the acts, presenting to the viewer alternative decisions that will determine an order in which a subsequent act will be presented;

(c) enabling the viewer to make one of the alternative decisions;

(d) in each act that can be presented in a different order, providing alternative connecting scenes leading into and out of the act;

(e) prompting the viewer to make one of the alternative decisions that will determine the order of a subsequent act;

(f) presenting to the viewer, in the subsequent act determined by his decision, the alternative connecting scenes that are appropriate to the order in which the act is presented.

8. The method of claim 7 in which the entertainment may be viewed simultaneously by more than one interactive viewer, further comprising the steps of;

(a) presenting to each interactive viewer alternative decisions that will determine an order in which a different subsequent act will be presented; and

(b) enabling each interactive viewer to make at least one of the alternative decisions.

9. An interactive entertainment embodied in a digital video storage medium and having an overall storyline to be delivered to a viewer, said interactive entertainment comprising:

(a) a plurality of potentially viewable scenes;

(b) some of the scenes defining branching points of the entertainment by presenting alternative decisions which must be made by the viewer;

(c) for each alternative decision at a branching point, a sequence of scenes corresponding to the decision;

(d) the branching points and their related scene sequences being structured such that essentially every set of scene sequences determined by viewer decisions eventually reaches at least one linking scene containing content that is not dependant upon the particular decisions made prior to the linking scene; and

(e) for selected decisions made prior to a linking scene, one or more sets of variation scenes that introduce content that appears to be related to the consequence of the particular decision made, each set of variation scenes being associated with a scene that is viewable after the linking scene.

10. An interactive entertainment system including, in combination, the digital video storage medium of claim 9, and a digital video player having:

- (a) means for enabling the viewer to make the alternative decisions, and
- (b) software for presenting the scene sequences that corresponds to the viewer's decisions, for identifying when the viewer is brought to a scene sequence that contains a set of variation scenes, and for interspersing into that scene sequence the variation scene from the set that is related to the particular decision made.

11. An interactive entertainment system as in claim 10, wherein the digital video player is a general purpose computer and monitor.

12. An interactive entertainment system as in claim 10, wherein the digital video player is a game player and television.

13. An interactive entertainment system as in claim 10, wherein the digital video player is a set-top box and a television.

14. An interactive entertainment system as in claim 10, wherein the digital video player is a personal video recorder having digital storage capability and a television.

15. An interactive entertainment system as in claim 10, wherein the digital video player is a computer and a television.

16. An interactive entertainment system as in claim 10, wherein the digital video player is a television having computing capability, wherein the television is adapted to present digital video to a user.

17. An interactive entertainment system as in claim 10, wherein the digital video player is a cable television system having a computer located at its head-end and a television.

18. An interactive entertainment embodied in a digital video storage medium and having an overall storyline to be delivered to a viewer, said interactive entertainment comprising:

(a) a plurality of potentially viewable scenes grouped as a plurality of acts;

(b) at least one of the acts having a scene that presents to the viewer at least one set of alternative decisions that will determine an order in which a subsequent act will be presented; and

(c) each act that can be presented in a different order having neutral scenes in which the content is not dependant upon the relative order in which the act is viewed, and sets of alternative scenes in which the content is dependant upon the relative order in which the act is viewed.

19. The interactive entertainment of claim 18, in which the neutral scenes include scenes of relatively high production cost in relation to the alternative scenes.

20. An interactive entertainment system including, in combination, the digital video storage medium of claim 18 and a digital video player, comprising;

(a) means for enabling the viewer to make the alternative decisions that determine the order of the selectable-order acts; and

(b) software for presenting to the viewer, in the acts determined by his decision, the act's neutral scenes interspersed with alternative scenes that are appropriate to the relative order in which the act is presented.

21. The interactive entertainment of claim 18, wherein the selectable-order acts have alternative connecting scenes leading into and out of the act.

22. An interactive entertainment system including in combination the digital video storage medium of claim 21 and a digital video player, comprising;

(a) means for enabling the viewer to make the alternative decisions that determine the order of the selectable-order acts; and

(b) software for presenting to the viewer, in the acts determined by his decision, the connecting scenes appropriate to the order in which the act is presented.

23. An interactive entertainment embodied in digital text, or digital text and images, on a storage medium and having an overall storyline to be delivered to a viewer, said interactive entertainment comprising:

(a) a plurality of potentially viewable pages;

(b) some of the pages defining branching points of the entertainment by presenting alternative decisions which must be made by the viewer;

(c) for each alternative decision at a branching point, a sequence of pages corresponding to the decision;

(d) the branching points and their related page sequences being structured such that essentially every set of page sequences determined by viewer decisions eventually reaches at least one linking page containing content that is not dependant upon the particular decisions made prior to the linking scene; and

(e) for selected decisions made prior to a linking page, one or more sets of variation pages that introduce content that appears to be related to the consequence of the particular decision made, each set of variation pages being associated with a page that is viewable after the linking page.

24. An interactive entertainment embodied in an electronic format and having an overall storyline to be transmitted to a viewer over a communications network, said interactive entertainment comprising:

(a) a plurality of potentially viewable scenes;

(b) some of the scenes defining branching points of the entertainment by presenting alternative decisions which must be made by the viewer;

(c) for each alternative decision at a branching point, a sequence of scenes corresponding to the decision;

(d) the branching points and their related scene sequences being structured such that essentially every set of scene sequences determined by viewer decisions eventually reaches at least one linking scene containing content that is not dependant upon the particular decisions made prior to the linking scene; and

(e) for selected decisions made prior to a linking scene, one or more sets of variation scenes that introduce content that appears to be related to the consequence of the particular decision made, each set of variation scenes being associated with a scene that is viewable after the linking scene.

25. The interactive entertainment of claim 24 wherein the interactive entertainment is transmitted to a viewer over a communications network in real time.

26. The interactive entertainment of claim 24 wherein the interactive entertainment is transmitted to a viewer over a communications network and stored on a storage device.

27. An interactive entertainment embodied in an electronic format and having an overall storyline to be transmitted to a viewer over a communications network, said interactive entertainment comprising:

- (a) a plurality of potentially viewable scenes grouped as a plurality of acts;
- (b) at least one of the acts having a scene that presents to the viewer at least one set of alternative decisions that will determine an order in which a subsequent act will be presented; and
- (c) each act that can be presented in a different order having neutral scenes in which the content is not dependant upon the relative order in which the act is viewed, and sets of alternative scenes in which the content is dependant upon the relative order in which the act is viewed.

28. The interactive entertainment of claim 27 wherein the interactive entertainment is transmitted to a viewer over a communications network in real time.

29. The interactive entertainment of claim 27 wherein the interactive entertainment is transmitted to a viewer over a communications network and stored on a storage device.

30. An interactive entertainment embodied in an electronic format and having an overall storyline to be transmitted to a viewer over a broadcast network, said interactive entertainment comprising:

- (a) a plurality of potentially viewable scenes;
- (b) some of the scenes defining branching points of the entertainment by presenting alternative decisions which must be made by the viewer;
- (c) for each alternative decision at a branching point, a sequence of scenes corresponding to the decision;
- (d) the branching points and their related scene sequences being structured such that essentially every set of scene sequences determined by viewer decisions eventually reaches at least one linking scene containing content that is not dependant upon the particular decisions made prior to the linking scene; and
- (e) for selected decisions made prior to a linking scene, one or more sets of variation scenes that introduce content that appears to be related to the consequence of the particular decision made, each set of variation scenes being associated with a scene

that is viewable after the linking scene.

31. An interactive entertainment embodied in an electronic format and having an overall storyline to be transmitted to a viewer over a broadcast network, said interactive entertainment comprising:

(a) a plurality of potentially viewable scenes grouped as a plurality of acts;

(b) at least one of the acts having a scene that presents to the viewer at least one set of alternative decisions that will determine an order in which a subsequent act will be presented; and

(c) each act that can be presented in a different order having neutral scenes in which the content is not dependant upon the relative order in which the act is viewed, and sets of alternative scenes in which the content is dependant upon the relative order in which the act is viewed.

32. A method for providing interactive entertainment in periodic serial format, the method comprising the steps of:

(a) providing a plurality of potentially viewable scenes to deliver an overall storyline to a viewer in a plurality of periodic episodes, each episode containing potentially viewable scenes;

(b) in at least one of the episodes, presenting to the viewer alternative decisions that will determine an order in which a subsequent episode will be presented;

- (c) enabling the viewer to make one of the alternative decisions;
- (d) in each episode that can be presented in a different order, providing at alternative connecting scenes leading into and out of the episode;
- (e) prompting the viewer to make one of the alternative decisions that will determine the order of a subsequent episode;
- (f) presenting to the viewer, in the subsequent episode determined by his decision, the alternative connecting scenes that are appropriate to the order in which the episode is presented.

33. The method of claim 32 in which the entertainment may be viewed simultaneously by more than one interactive viewer, further comprising the steps of ;

- (a) presenting to each interactive viewer alternative decisions that will determine an order in which a different subsequent episode will be presented; and
- (b) enabling each interactive viewer to make at least one of the alternative decisions.

34. An interactive entertainment embodied in a digital video storage medium and having an overall storyline to be delivered to a viewer, said interactive entertainment comprising:

- (a) a plurality of potentially viewable scenes grouped as a plurality of periodic episodes;
- (b) at least one of the episodes having a scene that presents to the viewer a

at least one set of alternative decisions that will determine an order in which a subsequent episode will be presented; and

(c) each episode that can be presented in a different order having neutral scenes in which the content is not dependant upon the relative order in which the episode is viewed, and sets alternative scenes in which the content is dependant upon the relative order in which the episode is viewed.